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INFRARED FRIEND OR FOE IDENTIFICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

10 The present invention resides in an infrared
identification system for identifying military vehi-
cles as friendly or hostile. The infrared identifica-
tion system includes a seed introduction system, in
each friendly vehicle, that introduces trace quanti-
15 ties of a particular seed formulation into the vehi-
cle's exhaust. An infrared detection system, also in
each friendly vehicle, detects the spectrally-dis-
crete thermal emissions of the seed formulation to
identify those vehicles having the thermal emissions
20 as friendly. The infrared identification system pro-
vides rapid and positive friend or foe identification
of land, sea and air vehicles at long ranges without
being jammed, intercepted or mimicked.

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